

**NATURAL RESOURCES CONSERVATION SERVICE**

**FENCE**

**(Feet)**

**Code 382**

**Supplement No. 1 – Floating Electric Fence**

**GENERAL SPECIFICATIONS FOR  
FLOATING ELECTRIC FENCE**

Livestock access ramps into ponds shall be fenced to provide controlled and contained access.

Fences can be constructed as either permanent or temporary.

Materials and installation will be in accordance with Fence (382) materials and construction specifications.

***Specific Criteria for Floating Electric Fence.***

Refer to floating electric fence diagrams on page 2 of this supplement.

In lieu of a permanent fence, a floating electric fence can be constructed. All wire, insulators and installation will be according to Fence (382) materials and construction specifications.

Width will be according to design for livestock water access ramp, as specified in the Animal Trails and Walkways (575) general specifications. Distance into water will be adequate to assure water availability regardless of fluctuating levels. This should be at a minimum depth of 5 feet.

The floating fence will be constructed of 2-4 inch plastic pipe. All elbows, fittings and ends will be sealed to prevent water from getting into the pipe. The floating frame will be attached to the anchor post using a rope with slack to allow for movement of frame.

Guide posts shall be either fiberglass or steel, a minimum of 2 inches in diameter. Steel "T" posts can also be used and will need a plastic pipe sleeve placed over it. Posts shall be set a minimum of 2 feet into ground. Heights shall be equal or greater than height of vertical wire supports.

Vertical wire supports shall be of same size and material as floating frame and will be capped. Height will be 3 feet above waterline. Spacing will be sufficient to maintain fence height without sagging.

Wire will be attached to vertical supports with insulators or brackets at a minimum height of 2 feet waterline.

**OPERATION AND MAINTENANCE FOR  
FLOATING ELECTRIC FENCE**

Floating fence will be regularly inspected for needed repairs. Debris may need to be removed and materials replaced. Inspect pipe for leaks or other damage that may interfere with normal operation.

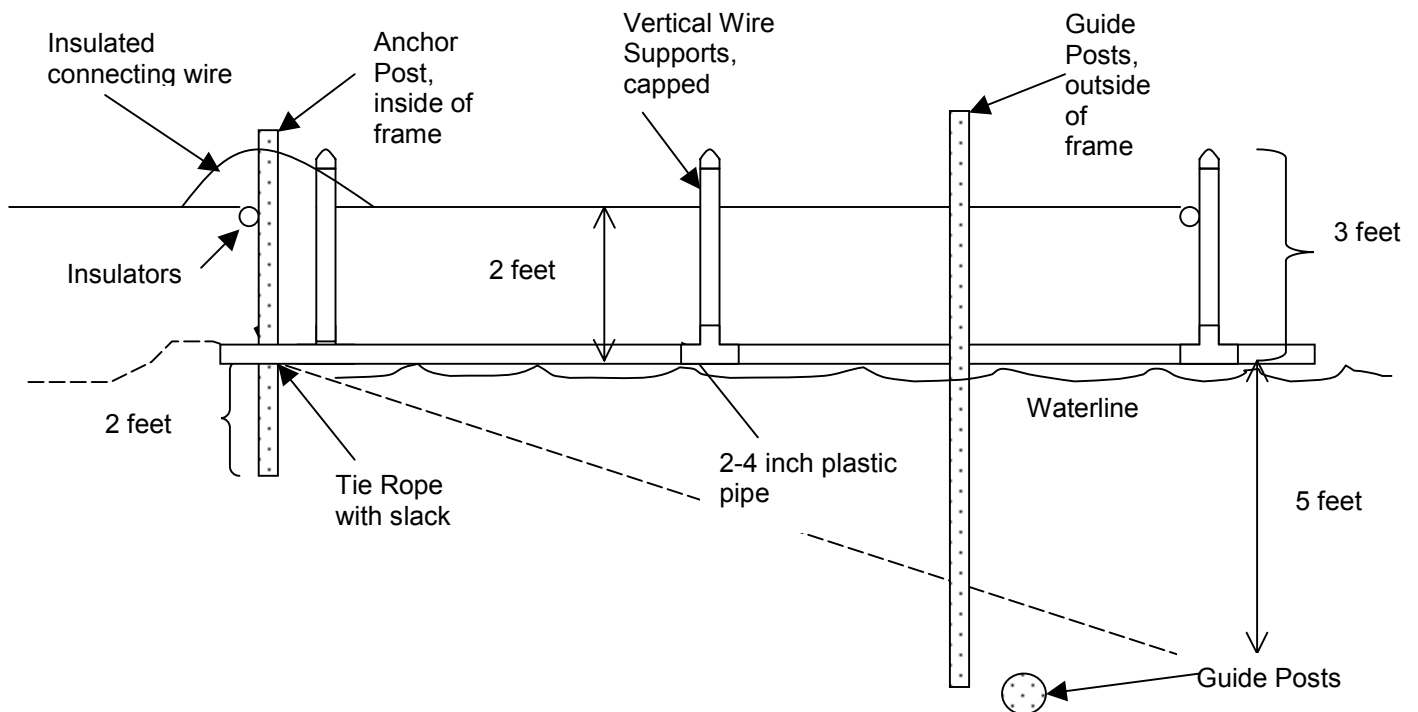
Approved \_\_\_\_\_  
State Resource Conservationist

Date : July 22, 2002

**NRCS, OK  
July 2002**

## Floating Fence Diagrams

### SIDE VIEW



### TOP VIEW

